

Serial Number: 09/499,526

ENTERED

HJ

DT

12-18-00

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

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Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

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Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

---

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

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Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

---

Deleted extra, invalid, headings used by an applicant, specifically:

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Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  
 page numbers throughout text;  other invalid text, such as \_\_\_\_\_

Inserted mandatory headings, specifically: **RECEIVED**

Corrected an obvious error in the response, specifically:

---

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically: **TECH CENTER 1600/2800**

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A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other: seq.1 - corrected amino acid nos.

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

R. DeBerry

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/499,526

DATE: 11/21/2000  
TIME: 11:30:28

Input Set : A:\ES.txt  
Output Set: N:\CRF3\11212000\I499526.raw

Does Not Comply  
Corrected Diskette Needed

SEQUENCE LISTING

2 (1) GENERAL INFORMATION:  
3     (i) APPLICANT: Lu, Kuang-hui  
4                         Pang, Kevin  
5     (ii) TITLE OF INVENTION: Methods and Reagents for Treating  
6                         Glucose Metabolic Disorders  
7     (iii) NUMBER OF SEQUENCES: 3  
9     (iv) CORRESPONDENCE ADDRESS:  
10         (A) ADDRESSEE: Foley, Roag & Eliot  
11         (B) STREET: One Post Office Square  
12         (C) CITY: Boston  
13         (D) STATE: MA  
14         (E) COUNTRY: USA  
15         (F) ZIP: 02109  
16     (v) COMPUTER READABLE FORM:  
17         (A) MEDIUM TYPE: Floppy disk  
18         (B) COMPUTER: IBM PC compatible  
19         (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
20         (D) SOFTWARE: ASCII (text)  
21     (vi) CURRENT APPLICATION DATA:  
C--> 22         (A) APPLICATION NUMBER: US/09/499,526  
C--> 23         (B) FILING DATE: 10-Feb-2000  
24         (C) CLASSIFICATION:  
25     (viii) ATTORNEY/AGENT INFORMATION:  
26         (A) NAME: Vincent, Matthew P.  
27         (B) REGISTRATION NUMBER: 36,709  
28         (C) REFERENCE/DOCKET NUMBER: ONV-058.01  
29     (ix) TELECOMMUNICATION INFORMATION:  
30         (A) TELEPHONE: (617) 832-1000  
31         (B) TELEFAX: (617) 832-7000

ERRORED SEQUENCES

32 (2) INFORMATION FOR SEQ ID NO: 1:  
33     (i) SEQUENCE CHARACTERISTICS:  
34         (A) LENGTH: 36 amino acids  
35         (B) TYPE: amino acid  
36         (D) TOPOLOGY: linear  
37     (ii) MOLECULE TYPE: protein  
38     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
39     Tyr Pro Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu  
E--> 40     1                 5                 10                 15  
41     Leu Asn Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr  
E--> 42     20                 25                 30  
43     Arg Gln Arg Tyr  
E--> 44     35

*misaligned amino acids,*

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/499,526

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TIME: 11:30:28

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Output Set: N:\CRF3\11212000\I499526.raw

C--> 90 (2) INFORMATION FOR SEQ ID NO: 3:  
 91 (i) SEQUENCE CHARACTERISTICS:  
 92 (A) LENGTH: 97 amino acids  
 93 (B) TYPE: amino acid  
 94 (D) TOPOLOGY: linear  
 95 (ii) MOLECULE TYPE: protein  
 96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
 97 Met Val Phe Val Arg Arg Pro Trp Pro Ala Leu Thr Thr Val Leu Leu  
 98 -28 -25 -20 -15  
 99 Ala Leu Leu Val Cys Leu Gly Ala Leu Val Asp Ala Tyr Pro Ile Lys  
 100 -10 -5 1  
 101 Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu Leu Asn Arg Tyr  
 102 5 10 15 20  
 103 Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr Arg Gln Arg Tyr  
 104 25 30 35  
 105 Gly Lys Arg Asp Gly Pro Asp Arg Leu Leu Ser Lys Thr Phe Phe Pro  
 106 40 45 50  
 107 Asp Gly Glu Asp Arg Pro Val Arg Ser Arg Ser Glu Gly Pro Asp Leu  
 108 55 60 65  
 109 Trp

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DEC 11 2000

TECH CENTER 1600/2900

E--> 114 ATTENTION: Please note that this document was reconstructed to correct inherent conversion issues.

E--> 115

While care has been taken to ensure that all formatting unique to this document was preserved, you should,

E--> 116 nonetheless, review all document formats --

particularly those for numbered paragraphs, Tables of Contents, and

E--> 117 any user-

defined styles you may have created in this document. Contact the Help Desk should you have any

E--> 118 further questions. \*Upon completion of your review, please delete this comment. Thank you.\*

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/499,526

DATE: 11/21/2000  
TIME: 11:30:29

Input Set : A:\ES.txt  
Output Set: N:\CRF3\11212000\I499526.raw

L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:40 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1  
M:332 Repeated in SeqNo=1  
L:47 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:52 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=2, Value=[not relevant]  
L:90 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]  
L:114 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:0  
L:114 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:114 M:330 E: (2) Invalid Amino Acid Designator, 12  
M:332 Repeated in SeqNo=3  
L:115 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:115 M:330 E: (2) Invalid Amino Acid Designator, 18  
L:116 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:116 M:330 E: (2) Invalid Amino Acid Designator, 14  
L:117 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:117 M:330 E: (2) Invalid Amino Acid Designator, 18  
L:118 M:342 E: Invalid Stop Code On Error, STOP CODON:\*L:118 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:118 M:330 E: (2) Invalid Amino Acid Designator, 12  
L:118 M:203 E: No. of Seq. differs, LENGTH:Input:97 Found:172 SEQ:3